FAILURE TO WRITE IN COMPELTE SENTENCES OR SHOW ALL WORK WILL RESULT IN LASALLE

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| Objective | YWBAT use the given dimensions (radius or dimensions of the inscribed or circumscribed shape) to solve for area and perimeter. | |
| 1. The diameter of the circle below is 5 in. Find the missing side lengths of the triangle.   ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.24.45%20PM | | 1. Line segment AC is a diameter of the circle such that AC = 9 cm. BC is 6 cm. Find the missing leg of the triangle.  ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.19.24%20PM |
| 1. A square is inscribed in a circle.   a) The radius is 5 in. Label it in the picture below.   ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%207.36.22%20PM  b) Find all missing side lengths of the triangle.     c) Find the area of the square and the circle. | | 1. A square is inscribed in a circle. The diagonal is 12 cm long.   a) Draw a picture             b) How is this question different than number 3? |
| 1. A circle is circumscribed by a square. The radius of the circle is 7 cm.   a) Draw a picture.     b) Find the area of a circle.     c) Find the area of the square. | | 1. A circle is inscribed in a square. The side length of the square is 10 in. Find the area of the square and the area of the circle. |
| 1. The side length of PQRS is 5 in. Find the area of the inscribed square.  ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.07.17%20PM | | 1. The radius of the circle below is 10 cm.   a) Find the area of the triangle.   b) Find the area of the circle.   c) Find the area of the square.  ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.27.24%20PM |
| 1. ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.13.52%20PM | | 1. Find m∠ABC 2. Find m∠AOB 3. J is the midpoint of segment AB. Find m∠AOJ. 4. Find m∠JAO 5. Find m∠AOE |
| 1. ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.13.47%20PM | | 1. Find m∠ABC 2. Find m∠AOB 3. J is the midpoint of segment AB. Find m∠AOJ. 4. Find m∠JAO 5. Find m∠AOE |
| 1. ../../../../../Desktop/Screen%20Shot%202016-03-16%20at%208.14.09%20PM | | 1. Find m∠ABC 2. Find m∠AOB 3. J is the midpoint of segment AB. Find m∠AOJ. 4. Find m∠JAO 5. Find m∠AOE |